

AMENDMENTS TO THE CLAIMS

1. (withdrawn)
2. (withdrawn)
3. (withdrawn)
4. (withdrawn)
5. (withdrawn)
6. (withdrawn)
7. (withdrawn)
8. (withdrawn)
9. (currently amended) A tire having an antenna assembly affixed to an inward surface, the tire being formed by a process comprising the steps:

forming within a rigid core defining an interior surface of the tire a core recess complementarily configured to the antenna assembly;

positioning the antenna assembly within the core recess, the antenna assembly having an inward peripheral boundary enclosed by the recess and an exposed outward peripheral boundary;

building an uncured carcass of the tire around the rigid core and over the outward antenna assembly boundary, an inner surface of the tire entrapping the antenna assembly within the core recess;

cross-bonding the antenna assembly outward boundary to the inner surface of the tire during a cure cycle;

removing the cured tire and antenna assembly from the rigid core, the inward ~~outward~~ antenna assembly boundary being unbonded to the tire and facing an inner cavity of the tire.

10. (previously presented) A tire according to claim 9 further comprising the step of sizing the antenna assembly outward boundary to protrude a distance beyond an outward surface of the rigid core while positioned within the core recess.
11. (previously presented) A tire according to claim 9 further comprising the step of assembling the antenna assembly on the rigid core prior to building the uncured carcass of the tire around the rigid core.
12. (previously presented) A tire according to claim 9 further comprising the step of pre-assembling the antenna assembly prior to positioning the antenna assembly within the core recess.
13. (previously presented) A tire according to claim 9 further comprising the step of forming a socket within a portion of the core recess configured to receive a sensor housing component of the antenna assembly.

This listing of claims will replace all prior versions and listings of claims in the application.